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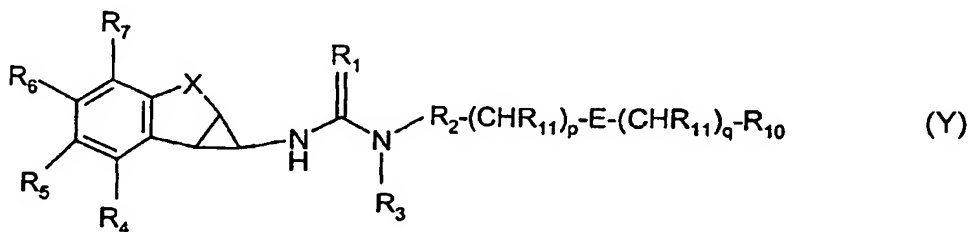
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(54) Title: **NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS**

(57) Abstract: A compound of the formula (Y): where; R<sub>1</sub> is O, S; R<sub>2</sub> is a nitrogen-containing heterocycle; R<sub>3</sub> is H, C<sub>1</sub>-C<sub>3</sub> alkyl; X is -(CR<sub>8</sub>R<sub>8'</sub>)<sub>n</sub>-D-(CR<sub>8</sub>R<sub>8'</sub>)<sub>m</sub>; D is a bond, -NR<sub>9</sub>-, -O-, -S-, -S(=O)- or -S(=O)<sub>2</sub>-; n and m are independently 0, 1 or 2, R<sub>8</sub> and R<sub>8'</sub> are independently H, C<sub>1</sub>-C<sub>3</sub> alkyl, haloC<sub>1</sub>-C<sub>3</sub>alkyl, hydroxy, or R<sub>8</sub> and R<sub>8'</sub> together with their adjacent C atom is -C(=O)-; R<sub>9</sub> is independently H, C<sub>1</sub>-C<sub>3</sub> alkyl; E is CH<sub>2</sub>-, -CHOH-, -C(=O)-, -NR<sub>9</sub>-, -O-, -S-, -S(=O)<sub>2</sub>-; n and m are independently 0, 1 or 2; p and q are independently 0, 1 or 2, where p+q ≤ 2; R<sub>10</sub> is an optionally substituted carbocycle or heterocycle; R<sub>11</sub> is independently H, C<sub>1</sub>-C<sub>3</sub> alkyl, halo substituted C<sub>1</sub>-C<sub>3</sub>alkyl, hydroxy; have utility as HIV antivirals.

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